

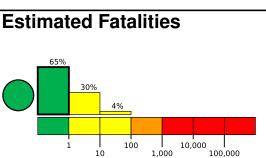




Created: 1 day, 0 hours after earthquake

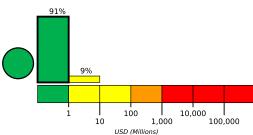
M 5.4, 12 km W of Anamizu, Japan Origin Time: 2024-01-02 01:17:31 UTC (Tue 10:17:31 local) Location: 37.2522° N 136.7620° E Depth: 6.0 km

Version 4



and economic losses. There is a low likelihood of casualties and damage.

Green alert for shaking-related fatalities Estimated Economic Losses



Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	7,538k	1,939k	78k	17k	3k	0	0	0
ESTIMATEI MERCALLI	MODIFIED INTENSITY	I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVE	SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
DAMAGE	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

^{*}Estimated exposure only includes population within the map area.

Population Exposure

population per 1 sq. km from Landscan **Structures** 5000 10000

135.9°E 137.2°E 11 37.5°N 36.2°N ukui-shi

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are heavy wood frame and reinforced/confined masonry construction.

Historical Earthquakes

Date	Dist.	Mag.	Max	Shaking
(UTC)	(km)		MMI(#)	Deaths
1983-03-15	282	5.4	VII(259k)	1
1983-08-08	281	5.6	VII(7k)	1
1995-01-16	336	6.9	IX(1,740k)	6k

Recent earthquakes in this area have caused secondary hazards such as landslides, fires and liquefaction that might have contributed to losses.

Selected City Exposure

from GeoNames.org

Nanao	45k
	43K
Hakui	25k
Himimachi	55k
Nishishinminato	36k
Takaoka	170k
Kanazawa	459k
Toyama	326k
Fukui-shi	249k
Nagano	360k
Niigata	505k
Kofu	190k
	Himimachi Nishishinminato Takaoka Kanazawa Toyama Fukui-shi Nagano Niigata

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty. https://earthquake.usgs.gov/earthquakes/eventpage/us6000m12f#pager

Event ID: us6000m12f